



Colby·Sawyer  
College

**Susan Colby Colgate  
Scholars' Symposium**

April 16-17, 2018

# Symposium Schedule

## Monday, April 16

4:00-5:30 p.m.

**Wesson Honors Capstone Presentations**  
Honors Suite, Fourth Floor, Colgate Hall

4:30-7:50 p.m.

**Nursing RN-BS Capstone Presentations**  
Room 304, Colgate Hall

## Tuesday, April 17

8:00-8:25 a.m.

**Nursing Undergraduate Projects/Posters**  
NUR 336 - Nursing Research and Evidence-Based Practice  
NUR 207 - Pharmacology Client Teaching Brochures  
Wheeler Hall, Ware Student Center

8:30-9:55 a.m.

**Exercise and Sport Sciences Capstone Posters**  
Dan and Kathleen Hogan Sports Center  
**History and Political Studies Capstone Presentations**  
Cleveland Colby Colgate Archives  
Susan Colgate Cleveland Library/Learning Center  
**Nursing Capstone Presentations**  
Wheeler Hall, Ware Student Center  
**Sociology Capstone Presentations**  
Room 215, Colgate Hall

9:45-10:30 a.m.

**Nursing Undergraduate Projects/Posters** (continued)  
NUR 336 - Nursing Research and Evidence-Based Practice  
NUR 207 - Pharmacology Client Teaching Brochures  
Wheeler Hall, Ware Student Center

10:15-11:45 a.m.

**Biology Capstone Presentations**  
Clements Hall, Ivey Science Center  
**Child Development Capstone Posters**  
Dan and Kathleen Hogan Sports Center  
**History and Political Studies Capstone Presentations** (continued)  
**Multi-Disciplinary Studies Capstone Presentation**  
Cleveland Colby Colgate Archives  
Susan Colgate Cleveland Library/Learning Center

10:35-11:45 a.m.

**Nursing Capstone Presentations** (continued)  
Wheeler Hall, Ware Student Center

12:10-1:40 p.m.

**Biology Capstone Presentations** (continued)

Clements Hall, Ivey Science Center

**Health Care Management Capstone Presentation**

Wheeler Hall, Ware Student Center

**Communications and Media Studies Capstone Presentations**

**English Capstone Presentations**

Room 201, Ivey Science Center

**Psychology Capstone Posters**

Dan and Kathleen Hogan Sports Center

12:10-2:30 p.m.

**ENV 308 Permaculture Design Presentations**

Room 109, Ivey Science Center

1:55-3:20 p.m.

**Studio Art and Graphic Design Portfolio Presentations**

Niblack Black Box Theater, Center for Art + Design

**Accounting and Business Administration Capstone Presentation**

Wheeler Hall, Ware Student Center

**Creative Writing Capstone Presentations**

Cleveland Colby Colgate Archives

Susan Colgate Cleveland Library/Learning Center

3:30-4:50 p.m.

**Environmental Studies and Environmental Science Capstone Posters**

First and Second Floors, Ivey Science Center

**Health Promotion Capstone Posters**

Dan and Kathleen Hogan Sports Center

**Public Health Capstone Posters**

Dan and Kathleen Hogan Sports Center

# Schedule Details

Monday  
April 16

## 4:00-5:30 p.m.

### *Wesson Honors Capstone Presentations*

*Honors Suite, Fourth Floor, Colgate Hall*

- Title: *Alaskan Communities*  
Diana Abbott
- Title: *Starting at the Roots*  
Taylor Aines
- Title: *Establishing Diversity Through Media*  
Trenton Bonk  
Nitesh Lama
- Title: *Assessing the Effects of Precipitation on the Prevalence of West Nile Virus and Eastern Equine Encephalitis in Different Biomes in the U.S.*  
Colleen Clausen
- Title: *Wesson Honors Program Promotional Video*  
Emily Crow  
Meredith Lenhardt  
Ashley Ruseski
- Title: *From Written Word to Painted Image: An Exploration in Concept Art*  
Kathryn Devlin
- Title: *Stress and Coping Among Nursing Students*  
Jodecia Elliott
- Title: *Hidden Treasure*  
Morgan Forrest
- Title: *Intersections: An Exploration of the Diverse Interests and Interdisciplinary Lives of Individuals Within the Colby-Sawyer Community*  
Danielle Kamberalis
- Title: *Paratae Servire*  
Benjamin Maines
- Title: *Music: Building a Bridge to the Mind*  
Evelyn Miller
- Title: *Including the Arts in Daily Life: Learning How to Play the Cello*  
Jesse Murch
- Title: *A Very Useful Catalogue of Magical Herbs*  
Jonah Namzoff
- Title: *Nepal- Through Our Eyes*  
Barsha Rajbhandari
- Title: *Investigating the Relationship Between Foreign Direct Investment and GDP in Emerging Economics*  
Muhammad Rana  
Kevin Richardson
- Title: *Revolutionary Women*  
Zoey Zogby

## 4:30-7:50 p.m.

### *Nursing RN-BS Capstone Presentations*

*Room 304, Colgate Hall*

4:30 p.m.

- Title: *Understanding 30-Day Post-Surgical Readmission Rates*  
Sarah Jarrell

4:50 p.m.

- Title: *Individual Diabetes Self-Management Intervention*  
Hollie Tumosa

5:10 p.m.

- Title: *Barriers to Skin-to-Skin Contact After Delivery*  
Simona Fisher

5:30 p.m.

- Title: *The Influence of Nursing Care on Delays of Discharge*  
John Flanigin

5:50 p.m.

- Title: *Shift Change Huddle in the Med/Surg Setting*  
Laura Goodrich

6:10 p.m.

- Title: *Assessing Chlorhexidine Bathing Compliance in Patients with Central Lines*  
Shannon Boule

6:30 p.m.

- Title: *Assessment of Knowledge Gaps in Transitions of Care for Care Coordinators*  
Kathleen O'Brien

6:50 p.m.

- Title: *Skin Assessment Documentation in Primary Care*  
Paula Rugg

7:10 p.m.

- Title: *The Importance of a Great Orientation in Retaining Nurses*  
Marci Thibodeau

7:30 p.m.

- Title: *Evaluating Outpatient UTI Testing Protocols at the WRJ VA*  
Lin Datillio

**Tuesday**  
**April 17**

**8:00-8:25 a.m. and 9:45-10:30 a.m.**

***Nursing Undergraduate Projects/Posters***  
***NUR 336 - Nursing Research and Evidence-Based Practice***  
***Wheeler Hall, Ware Student Center***

- Title: *Effects of Music Therapy Preoperatively*  
Paige Andrews  
Alyssa Rylander  
Alyia Sharby
- Title: *Improving Compliance with Fluid Restriction in Patients Requiring Hemodialysis*  
Sarah Bellavance  
Marisa Consalvo  
Katherine Provencher
- Title: *Effects of Cryotherapy on Chemotherapy-Induced Alopecia*  
Alexandra Blakeman  
Elizabeth Fazio  
Julia Martin
- Title: *The Effect of an E-learning Educational Intervention on Nurses' Self-Efficacy of Care of Patients with Delirium in the Acute Care Setting*  
Brittany Callagy  
Helen Hoft  
Morgan Keene  
Jacob Pushee  
Kendall Trahan
- Title: *Inpatient Ambulation in the Presence of an Accountability Tool*  
Chelsea Carbee  
Bethany Fennessey  
Brittany Ireland  
Brendan Libby  
Christina McClure

- Title: *Effects of Lavender Aromatherapy on Pain Levels*  
Juliana Castillo  
Sean Connery  
Joselene Curtis
- Title: *The Effects of Art Therapy on Quality of Life in Patients Receiving Inpatient Chemotherapy*  
Christopher Charles  
Meagan McCoy  
Jerrilyn Wilson
- Title: *Alarm Fatigue: Understanding Potentiating Factors Among Nurses*  
Jenna Flint  
Kyleigh Morits  
Molly Schroder
- Title: *The Relationship Between Gum Chewing and Postoperative Bowel Movements*  
Hannah Goepel  
Shari Juranovits  
Amanda Martin  
Alley Rogers
- Title: *Standardized Report Sheets: Understanding an RN's Perspective*  
Margaret Kinder  
Courtney Murray  
Natalie Wilson

### ***Nursing Undergraduate Projects***

#### ***NUR 207 - Pharmacology Client Teaching Brochures***

*Wheeler Hall, Ware Student Center*

Ashley Allgood - *Clindamycin*  
Milah Allison - *Cisplatin*  
Julia Beauchesne - *Furosemide*  
Bailey Bourque - *Isotretinoin*  
Brittany Buckley - *Heparin*  
Katelyn Butler - *Cortisone*  
Noah Clay - *Propranolol*  
Katelin Clifton - *Levothyroxine*  
Jillian Colby - *Tamoxifen*  
Abigail Cooke - *Phenytoin*  
Amanda Couture - *Metoprolol*  
Hannah Cuthbertson - *Amoxicillin*  
Samantha Daniels - *Nitroglycerine*  
Maria Deblois - *Ergotamine*  
Allison DiGiovanni - *Atropine*  
Deanna DiPrima - *Warfarin*  
Nathnael Feleke - *Enoxaparin*  
Morgan Flynn - *Lorazepam*  
Imani Gaetjens-Oleson - *Metformin*  
Daniel Gillis - *Acyclovir*

McKenna Gould-Murray - *Carbamazepine*  
Benjamin Jones - *Oxcarbazepine*  
Kailey Landry - *Albuterol*  
Emily Malin - *Zolpidem*  
Jocelyn Martin - *Ciprofloxacin*  
Jessica Miles - *Isoniazid*  
Samantha Mitchell - *Hydromorphone*  
Jamie Moore - *Prednisone*  
Maegan Nadeau - *Morphine*  
Alexandra Paquette - *Insulin*  
Veronika Raczek - *Penicillin*  
Mary Grace Seder - *Azithromycin*  
Megan Spainhower - *Levetiracetam*  
Brooke St. Onge - *Lisinopril*  
Ariana Sullivan - *Amphetamine*  
Shae-Lyn Walker - *Diazepam*  
Marissa Williams - *Gabapentin*  
Shannon Wright - *Naloxone*  
Megan Yeaw - *Captopril*

### **8:30-9:55 a.m.**

#### ***Exercise and Sport Sciences Capstone Posters***

*Dan and Kathleen Hogan Sports Center*

- Title: *Identifying How Self-Myofascial Release Affects Aerobic Performance*  
Mason Amitrano  
Michael Diorio  
Karl Nyholm
- Title: *Sport Specialization in Division I Baseball*  
Douglas Avellino  
Nicholas Miele  
Andrew Pratt
- Title: *Effect of Aerobic and Resistance Exercise on Excess Post-Exercise Oxygen Consumption*  
Sean Babinski  
Brady Dion  
Curtis Warren

- Title: *The Safety of Pre-Workout Supplementation and the Efficacy of Their Labels*  
Jillian Barile  
Robert Madden  
Bailey Starr
- Title: *The Effect of Hamstring Flexibility on Vertical Jump Height and Agility in College Athletes*  
Alli Barrett  
Alexandra Danas
- Title: *The Needs and Requirements for an NCAA Division III College/University to Successfully Host and Operate an Outdoor Event*  
Stephen Bennett  
Ryan Broderick  
Justin Puzzo
- Title: *Effect of Aerobic Exercise and Music on Concentration*  
Samantha Brown  
Olaide Junaid  
Scott Shaw
- Title: *The Effects of Varying Visual Markers on the Biomechanics of Gait*  
Michael Crowley  
Tyler Langley  
Christopher Manwaring
- Title: *NCAA eSport Sanctioning*  
Joseph DiTullio-Dotto  
Christian Hood  
Drew Inglesi
- Title: *The Effect of Fatigue on Passing Accuracy in Soccer*  
Zachery Elmore  
Eduardo Garcia  
Kyle Millington  
Sean O'Rourke
- Title: *Strength Training and Stretching Protocols to Improve Range of Motion in Order to Enhance Injury Prevention*  
Bailey Friedman  
Emmani Robinson  
Paige Viens  
Ashley Woodside
- Title: *Balance Differences Between Dominant and Non-Dominant Legs in Division III Soccer Players*  
Corrie Hoyt  
Matthew Maynard  
Morgan Winters
- Title: *Women's Representation of Sports in the Media*  
Kacie Lane  
Matthew McIntosh
- Title: *Effects of Warm-Up Methods on Hamstring Flexibility and Peak Power Output*  
Nicole Lavigne  
Amanda Pierpont
- Title: *The Effects of Various Ankle Taping Modalities on Ankle Active Range of Motion*  
Amanda Matuszek  
Eryn Nolette
- Title: *Effects of Tai Chi on Balance and Fall Prevention Efficacy in Older Adults*  
Nell McQueeney  
Natalie Shear  
Marissa Ulmer

### ***History and Political Studies Capstone Presentations***

*Cleveland Colby Colgate Archives*

*Susan Colgate Cleveland Library/Learning Center*

- Title: *Migrant Human Trafficking in the Gulf Cooperation Council Nations*  
Betsida Abebe
- Title: *The Internal Cycle: Child Abuse*  
Brenna Cotton
- Title: *Polling in the United States Presidential Elections*  
Anthony Dayboch

- Title: *The Politics of History Education: Case Study in Bias in Palestinian and Israeli History Teaching in Respective Curricula*  
Omar Hajajra
- Title: *Japan: The Land of the Rising Expectations*  
Alec Holland
- Title: *Tibet Within China*  
Quang Nguyen
- Title: *Digital Frontier: How the Internet Has Altered Political Discourse and Why You Should Care*  
Christopher Peirce

### ***Nursing Capstone Presentations***

*Wheeler Hall, Ware Student Center*

8:30 a.m.

- Title: *Upper Valley Community Nursing Project: Evaluating the Effectiveness of the Community Nurse*  
Emily Crow  
Courtney Lampert  
Emily Martin  
Ashma Shrestha

8:55 a.m.

- Title: *Home Health Care: Standardized Fall Reporting*  
Taylor Aines  
Melissa Clark  
Rachel Mermet  
Makenzie Welch

9:20 a.m.

- Title: *A Community Diabetes Prevention Program: A Focus on Participant Retention*  
Scott Bonneau  
Jodecia Elliott  
Paxton Landry  
Francis Gibbs-Osgood  
Nicole Moore

### ***Sociology Capstone Presentations***

*Room 215, Colgate Hall*

8:30 a.m.

- Title: *The Black Sheep of Diversity: Understanding Religious Diversity at Colby-Sawyer*  
Sarah Kilham

8:45 a.m.

- Title: *The Stigma of Gap Years*  
Moesha Miller

9:00 a.m.

- Title: *Glass Ceiling Smash Ceiling: Expectations of Colby-Sawyer College Women in the Workplace*  
Anna Li Preble

9:15 a.m.

- Title: *The Experience and Perspective of Women of Color Attending Prominently White Institutions*  
Cassandra Renaudin

### **10:15-11:45 a.m.**

### ***Biology Capstone Presentations***

*Clements Hall, Ivey Science Center*

10:15 a.m.

- Title: *Evaluating the Efficacy of Pedagogical Methods in Elementary Science Education*  
Julianna Carroll  
Megan Sudduth

10:27 a.m.

- Title: *Raptors, Parasites, and Pathogens: The Prevalence and Effects of West Nile Virus and Eastern Equine Encephalitis on Migratory Hawks*  
Colleen Clausen  
Julie Newton



10:39 a.m.

- Title: *Salivary Cortisol Response to Interactions with Cats: Can Cats Curb Cortisol?*  
Jillian Cook  
Roselyn Gaffin  
Kara Ritchie

10:51 a.m.

- Title: *Local Heroes: Specialized Immune Sentinels Provide Protection in Melanoma*  
Yonatan Degefu  
Evelyn Miller

11:03 a.m.

- Title: *Gene Expression of Arabidopsis thaliana and the Plant-Pathogen Interaction*  
Kristopher Dietrich  
Ross Sirois

11:15 a.m.

- Title: *Effect of UTH1 Gene on Reactive Oxygen Species Production and Lifespan in Yeast*  
Andrew Peloquin

### ***Child Development Capstone Posters***

*Dan and Kathleen Hogan Sports Center*

- Title: *Examining the Executive Functioning and Motor Planning in Adolescents with Exceptionalities Using Puzzles*  
Briana Brennan  
Christine Hill
- Title: *International Children's Literature: Developing a Dignified Understanding of Multicultural Diversity*  
Kelly Brito
- Title: *Divorce, Single Parenting, and Married Parents and the Effect That it Has on the Development of a Child*  
Abigail Campbell
- Title: *Play-Based Learning*  
Rylee Desmarais
- Title: *Ages of Parents and Its Effect on a Child's Development*  
Zoe Ferrin  
Rosa Scavron
- Title: *The Effect the Economy Has on How Much Money a Teacher Spends for One's Classroom*  
Nichole Hondros  
Hayley Perron
- Title: *Children with Emotional Disturbances: Understanding Differences Within the Foster Care System*  
Laura McKenna
- Title: *The Representation of Race and Gender in the Top 100 Children's Books*  
Maxine Melnick
- Title: *The Sound of Music*  
Mary Catherine Melville  
Rebecca Morra
- Title: *Amount of Media Used and Its Impact on Toddlers*  
Misty Waters

### ***History and Political Studies Capstone Presentations*** (continued)

#### ***Multi-Disciplinary Studies Capstone Presentation***

*Cleveland Colby Colgate Archives*

*Susan Colgate Cleveland Library/Learning Center*

- Title: *The Preservation of Identity: The Handing Down of Native American Culture*  
Sarah Redman
- Title: *#Politics: The Twitter Presidency and Leading Social Media Components*  
Brittany Richardson
- Title: *The American Jury System*  
Cassie Roveto
- Title: *Rising Higher: The History of the Empowerment and Disempowerment of Women in Ghana (and Africa) Over Precolonial, Colonial, and Postcolonial Eras*  
Susan Sam-Mensah

- Title: *This is Where We Belong: Gentrification in Low Income Neighborhoods*  
Kayla Washington
- Title: *Popping Bubbles: Breaking Gender Stereotypes Through Popular Culture*  
Zoey Zogby

### 10:35-11:45 a.m.

#### ***Nursing Capstone Presentations*** (continued)

*Wheeler Hall, Ware Student Center*

10:35 a.m.

- Title: *Registered Nurses and Licensed Nursing Assistants: A Pathway to Collaboration*  
Morgan Fogg  
Megan Pehoviak  
Ashley Ruseski  
Anna White  
Samantha Wisniewski

11:00 a.m.

- Title: *Pediatric Documentation in a Critical Access Hospital's Emergency Department*  
Anna Gaskill  
Tess Jewell  
Meredith Lenhardt  
Erin Ryan  
Erika Wesolek

11:25 a.m.

- Title: *Opioid Education on a Post-Anesthesia Care Unit*  
Patricia Doody  
Kimberly Ekberg  
Kate LaPorte  
Molly Mulcahy  
Erin Mulready

### 12:10-1:40 p.m.

#### ***Biology Capstone Presentations*** (continued)

*Clements Hall, Ivey Science Center*

12:10 p.m.

- Title: *Prevalence of Antibiotic Resistance in Bacteria at Mercer Field of Colby-Sawyer College*  
Feben Gebreegziabher

12:22 p.m.

- Title: *The Doctor That Wears the Red Dress: The Effect of Fermentation pH on Wine Polyphenols Extraction*  
Ross Kenney  
Hugo Picciotto

12:34 p.m.

- Title: *Investigation of Novel Antimicrobial Peptides as Potential Cancer Therapeutics*  
Benjamin Maines  
Mariana Vinci Germar

12:46 p.m.

- Title: *Effects of pH and Salinity on Bioluminescence of *Aliivibrio fischeri**  
Karolina Majauskaite  
Emmanuella Mercier  
Rakshya Rana  
Giulia Trolli

12:58 p.m.

- Title: *Whole versus Lysed-Cell Biotransformation of (+)-Valencene to Nootkatone by *Chaetomium globosum**  
Lauren Oligny  
Tricia Temple

1:10 p.m.

- Title: *The Safety of Pre-Workout Supplementation and the Efficacy of Their Labels*  
Jillian Barile  
Robert Madden  
Bailey Starr

## ***Communications and Media Studies Presentations***

### ***English Capstone Presentations***

*Room 201, Ivey Science Center*

12:10 p.m.

- Title: *Voices: The Kids of the Club*  
Andrew Clay

12:25 p.m.

- Title: *@CSCBaseball: A Social Media Campaign*  
Joseph Fenuccio

12:40 p.m.

- Title: *Modern Heartbreak: A Podcast*  
Nicole Mich

12:55 p.m.

- Title: *Tolkien's Guiding Light*  
Ryan Murray

1:05 p.m.

- Title: *The Jouissance of Nostalgia: An Examination of Identity Through Time and Memory in the Novel*  
Megan Pickett

1:20 p.m.

- Title: *Desolate Minds: A Product of External Influence*  
Olivia Tropp

## ***Health Care Management Capstone Presentation***

*Wheeler Hall, Ware Student Center*

- Title: *Alliance Consulting Annual Stakeholders Meeting*  
Kiana Blaine  
Leah Fox  
Blen Genet  
Nora Ismael  
Kaytlynn Kenney  
Brigitte Ruiz  
Hewan Woubie

## ***Psychology Capstone Posters***

*Dan and Kathleen Hogan Sports Center*

- Title: *The Influence of Social Media on the Mental Health Stigma*  
Jocelyn Biedrzycki
- Title: *Video Versus Written Differences on Group Conformity*  
Sydney Brinkerhoff
- Title: *The Effect of Intrinsic vs. Extrinsic Reward on Task Completion and Motivation in Females*  
Carlisle Chiodo
- Title: *The Recreational Use of Cognitive Enhancers and Its Perceived Social Acceptability*  
Caitlyn Donahue
- Title: *The Effects of Time Pressure on Emotional-Based Ethical Decisions*  
Jennafer Donahue
- Title: *The Effects of Music Distraction on Working Memory Via Perceptual and Visual Processing*  
Kayla Fitzpatrick
- Title: *The Effect of Caffeine on a Problem Solving Task*  
Ashley Giarrusso
- Title: *The Effect of Priming on Weapon Focus*  
Tyler LaPlante
- Title: *The Effects of Distraction Characteristics on Information Recall*  
Destinee Mackey
- Title: *The Effect of Ego Depletion on Aerobic Exercise*  
Christopher Manwaring
- Title: *How the Effects of Different Questions Can Elicit a False Confession*  
Kenna Marquis
- Title: *Effects of Presentation on Stroop Task*  
Tiah McLaren

- Title: *Short Term Exposure to Auditory Effects on Self-Reported Acute Mood*  
Isabel Price
- Title: *Mood Impact from Puzzle Solving with Time Constraints Applied*  
Diamond Williams

**12:10-2:30 p.m.**

***ENV308 Permaculture Design Presentations***

*Room 109, Ivey Science Center*

12:10 p.m.

- Title: *Old Homestead Reimagined*  
Abigail Castriotta

12:30 p.m.

- Title: *The Leon-C. Malan Slug Hunting Grounds*  
Abigail Shute

12:50 p.m.

- Title: *Permaculture for the Lazy, Nonbeliever*  
Brooke Vigliotta

1:10 p.m.

- Title: *Madison's Permaculture Design*  
Madison Hunter

1:30 p.m.

- Title: *Max's Permaculture Design*  
Maxwell Lawrence

1:50 p.m.

- Title: *Batsford Court*  
Sage Lincoln

2:10 p.m.

- Title: *Resurrecting Asylum*  
Sara DeArruda

**1:55-3:20 p.m.**

***Studio Art and Graphic Design Portfolio Presentations***

*Niblack Black Box Theater, Center for Art + Design*

1:55 p.m.

Hannah Clark - *Graphic Design*

2:07 p.m.

Kathryn Devlin - *Studio Art*

2:19 p.m.

Victoria Shayne - *Studio Art*

2:31 p.m.

Gabrielle Libby - *Graphic Design*

2:43 p.m.

Alexandra O'Brien - *Graphic Design*

2:55 p.m.

Justin Rand - *Graphic Design*

3:07 p.m.

Xu Zou - *Studio Art*

***Accounting and Business Administration Capstone Presentation***

*Wheeler Hall, Ware Student Center*

- Title: *Co. Summit Annual Shareholders Meeting*  
Diana Abbott  
James Marshall  
David Meola  
Uyen Nguyen  
Thomas Quinn

### ***Creative Writing Capstone Presentations***

*Cleveland Colby Colgate Archives*

*Susan Colgate Cleveland Library/Learning Center*

1:55 p.m.

- Title: *Changing States: Water and the Movement Across Borders*  
Guillermo Berrizbeitia

2:10 p.m.

- Title: *Frazer and the Mythic Method*  
Elliott Coffman

2:25 p.m.

- Title: *The World of Dri'uke*  
Ethan Curit

2:40 p.m.

- Title: *The Relationship Between Impressionism and Expressionism and Their Influence on Modern and Contemporary Theatre*  
Madison Hallett

2:55 p.m.

- Title: *The Relevancy of Entertainment News Through Creative Commentary*  
Marissa Donovan

3:10 p.m.

- Title: *Authenticity of Film: (Mis)Representation of Autism and Asperger's Syndrome*  
DeAndre Parker

### **3:30-4:50 p.m.**

### ***Environmental Studies and Environmental Science Capstone Posters***

*First and Second Floors, Ivey Science Center*

- Title: *Assessing the Health of Kale Seedlings with the Addition of Biochar*  
Briana Clark
- Title: *Examining Temporal Changes in Morphology, Population Dynamics, and Wind Migration Patterns of Raptor Species Migrating Through Cape May, New Jersey*  
Calum Dixon
- Title: *The Behavior Behind Food Waste*  
Theresa Edick
- Title: *The Effects of Stocking Density on the Growth of Nile Tilapia (*Oreochromis niloticus*)*  
Justin Enright  
Cody Wickline
- Title: *Comparison of Monoculture vs. Polyculture in Phytoextraction of Lead and Arsenic Using Lupin (*Lupinus perennis*) and Amaranth (*Amaranthus hybridus*)*  
Danielle Kamberalis  
Rayla Putnam
- Title: *SolaWrap: Analysis of a Novel High-Tunnel Plastic*  
Daniel Keane
- Title: *Implementing Water Conservation Into Education*  
Acadia LeBlanc
- Title: *Evaluating Permaculture Teaching Outcomes Among Franklin High School Students*  
Stephanie Malicki
- Title: *Using Plant Functional Traits to Determine Wet Sclerophyll Vegetation Types*  
Elijah Morrow
- Title: *Developing a Web-Based Electric Vehicle (EV) Purchasing Information Tool for Municipalities*  
Jesse Murch
- Title: *A Matrix for Colby-Sawyer's Food Purchasing Policy*  
Jakob Murtaugh
- Title: *Production of Butterhead Lettuce (*Lactuca sativa* vs. *capitata*) and Sweet Basil (*Ocimum basilicum*) Using an Aquaponics Gravel and Floating Subsystem*  
Richard Prindiville
- Title: *Mindfulness Influencing Sustainable Behavior*  
Nicole Semeraro

### ***Health Promotion Capstone Posters***

*Dan and Kathleen Hogan Sports Center*

- Title: *Eating Disorders in Division I New Hampshire Female Collegiate Athletes*  
Emily Hatcher
- Title: *A Culture of Intoxication: Binge Drinking in College Students*  
Connor Henry
- Title: *How Does Malnutrition Affect the Elderly?*  
Ashley Mikkila
- Title: *Hikikomori: Social Withdrawal and Isolation in Japan*  
John Rojas

### ***Public Health Capstone Posters***

*Dan and Kathleen Hogan Sports Center*

- Title: *Three Avenues to Combat Intimate Partner Violence in Suffolk County, Massachusetts*  
Christine Alves
- Title: *Managing Chronic Pain and Concurrent Opioid Use Through Patient and Provider Co-education in Manchester, New Hampshire*  
Emily Bear
- Title: *Concussion in Student-Athletes at Colby-Sawyer College*  
Amanda Calvo
- Title: *Controlling Zoonotic Diseases in Rural Laotian Farmers*  
Gabrielle Kendall
- Title: *Vermont: The Heroin Capital of America*  
Allison Lahiff
- Title: *Structural Racism in the Health Care System Focusing on Hispanic Children in Boston, Massachusetts*  
Meybel Lopez-Flores
- Title: *Emergency Preparedness Within Vulnerable Populations in Florida*  
Ai Sy
- Title: *Reducing Opioid Use and Incarceration Rates Through Drug Court Expansion*  
Julia Varney
- Title: *Decreasing the Suicide Crisis in Niobrara County, Wyoming, Among Youth Aged 11 to 18*  
Brooke Willard

### **Additional Opportunities to See Student Work**

March 22-April 11

#### ***Juried Student Exhibition***

*Marian Graves Mugar Art Gallery and Sawyer Center Lobby Gallery*

April 5

#### ***Accounting and Business Administration Capstone Presentation***

*Clements Hall, Ivey Science Center*

12:50 p.m.

- Title: *Godspeed+ Annual Stockholders Meeting*  
Abdul Sattar Amiri  
Milan Artis  
Gustav Jigrup  
Sandesh Upreti  
Clarke Withington

April 10

#### ***Accounting and Business Administration Capstone Presentations***

*Clements Hall, Ivey Science Center*

12:00 p.m.

- Title: *Soles, Inc. Annual Stockholders Meeting*  
Nicolas Gonzalez  
Abagayle McMahan  
Edwin Mutede  
Kevin Richardson  
Kirsten Shea

12:50 p.m.

- Title: *Kodiak Footwear Annual Stockholders Meeting*  
Dana Mannion  
Denali Sexton  
Anmol Shrestha  
Jacob Sykes  
Chelsea Tarbox  
Hoa Tran

April 11

***Biology and Science Student Poster Presentations***

*First and Second Floors, Ivey Science Center*

1:00-2:30 p.m.

April 12

***Accounting and Business Administration Capstone Presentation***

*Clements Hall, Ivey Science Center*

12:50 p.m.

- Title: *Demigod Footwear Annual Stockholders Meeting*  
Andrew Carbone  
Taylor Grande  
Ghania Hareem  
Mariana Marcano  
Emma Schick  
Brendan Thurber

April 19

***Accounting and Business Administration Capstone Presentations***

*Clements Hall, Ivey Science Center*

12:00 p.m.

- Title: *Talaria Annual Stockholders Meeting*  
Megan Cyr  
Morgan Forrest  
Nitesh Lama  
Quincy Logan  
Barsha Rajbhandari  
Muhammad Ibrahim Rana

12:50 p.m.

- Title: *Milestone Annual Stockholders Meeting*  
Lauren Blanchard  
Trenton Bonk  
Timothy Donovan  
Muhammad Ghaznavi  
Rachel Jaworski  
Shaina Peterson

April 20-May 5

***Senior Art Exhibition (Opening Reception – April 20, 5:00-7:00 p.m.)***

*Marian Graves Mugar Art Gallery and Sawyer Center Lobby Gallery*